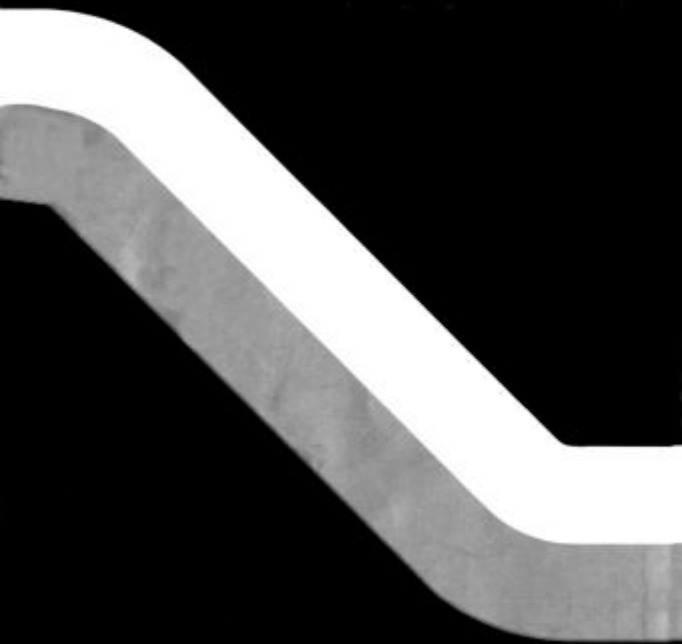
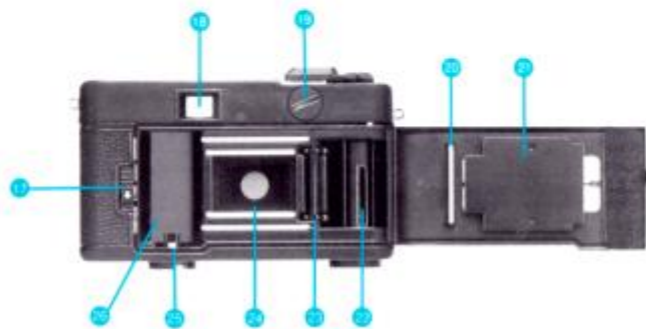
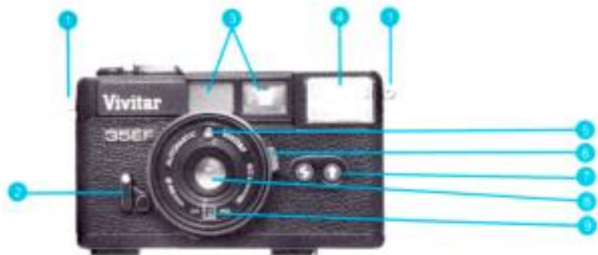


Vivitar 35EF™

Owner's Manual







Vivitar.
35EF™

Welcome to the world of Vivitar compact 35mm photography! Your new Vivitar 35EF is a lightweight, take-anywhere camera that makes it fast, fun and easy for you to make big, quality photographs. Your camera's programmed, Automatic Exposure System and built-in, "pop-up" Electronic Flash assure correct exposures, letting you concentrate on the photographs you want, when you want them. The Vivitar 35EF. Just set the focus and shoot!

Description of Controls

- 1 Strap Lugs
- 2 Self-Timer
- 3 Viewfinder Windows
- 4 Built-in Electronic Flash
- 5 CdS Exposure Sensor
- 6 DIN/ASA Setting Lever
- 7 Flash Control Buttons
- 8 Vivitar 38mm f2.8 lens
- 9 DIN/ASA Window
- 10 Exposure Counter Window
- 11 Film Advance Lever
- 12 Shutter Release Button
- 13 Threaded Cable Release Socket
- 14 Flash Ready Light
- 15 Focusing Ring with Zone Symbols
- 16 Focusing Index Line
- 17 Back Open Latch
- 18 Viewfinder
- 19 Battery Compartment Cover
- 20 Film Guide Roller
- 21 Film Pressure Plate
- 22 Multi-Slotted Take-Up Spool
- 23 Take-Up Sprockets
- 24 Film Aperture
- 25 Rewind Spindle

- 26 Film Chamber
- 27 Camera Serial Number Plate
- 28 Flash Battery Compartment Cover
- 29 Film Rewind Crank
- 30 Film Rewind Knob
- 31 Film Rewind Button
- 32 Tripod Socket
- 33 Distance Scales
- 34 Distance Scale Index Line

Getting acquainted with your new Vivitar 35EF

Before you shoot that first, important roll of film, carefully read the following instructions. Fold out both sets of cover flaps for easy reference. Get acquainted with all controls and operating procedures. Take a few minutes to practice holding, setting focus and operating the built-in, "pop-up" electronic flash with your Vivitar 35EF *before* you actually load film in your camera. The few minutes you spend learning to operate your camera will be invaluable for preparing you to shoot that "once in a lifetime" photograph!

1

Attach Camera Wrist Strap

Before you begin using your new camera, attach the Camera Wrist Strap for safe, secure and comfortable handling or transporting.

(A) Spring one end of "O" Ring open and slip over and into either of the two Strap Lugs ① on your camera.

(B) Rotate "O" Ring until it snaps back to its closed position, firmly securing the Wrist Strap to your camera. (See photo "A")

2

Holding your Camera

Your camera must be held correctly to assure getting consistently good, sharp photographs. It should be held steadily and comfortably while you are taking photographs. Photos "B" & "C" illustrate the correct ways to hold your camera in both the vertical and horizontal positions. When using the built-in, "pop-up" electronic flash in the vertical position, hold your Vivitar 35EF with the flash at top (see photo "B") of camera and be careful not to block the flash with your fingers.

3

How to Focus your Camera

Now that you are becoming acquainted with your camera, practice setting the focus *before* you compose and take a photograph. After reading the following instructions, practice setting the focus on people and objects around you until you can easily and comfortably "set focus and shoot" without hesitation.

(A) Look at your subject through the Viewfinder (18). Set the Zone Focus Symbol (15) which most closely approximates your subject size as seen from your position by aligning the Zone Focus Symbol with the Focusing Index Line (16).

(B) Compose your subject within the Viewfinder's Bright Frame Lines, wind the Film Advance Lever (11) and press the Shutter Release Button (12) to practice "taking" your photograph.

(C) As an added reference, the Distance Scales (23) on the Focusing Ring give the camera to subject distance in both feet (white numbers) and meters (green numbers) as aligned with the white. Distance Scale Index Line (24).


Operating your Camera

4

Install the Batteries

Automatic Exposure System Battery


The Vivitar 35EF's Automatic Exposure System is powered by a single, 1.35 volt mercury battery (Mallory PX 675, Eveready 675, HS-C/H-C or equivalent). To install the battery:

- (A) Unscrew Battery Compartment Cover  using a coin.
- (B) Insert battery with POSITIVE (+) side facing you (see photo "D"). The inside of the Battery Compartment Cover is coded (+) as a reminder.
- (C) Replace the Battery Compartment Cover. Check to be sure that the battery has been inserted correctly and that the metering system is operating. Point your camera at a brightly lit subject. If the needle in the Viewfinder does not move, open the Battery Compartment and recheck to see that the (+) marked on the battery is facing you.

Replace the battery once a year or when the meter needle appears "sluggish" or remains at the lower right corner of the viewfinder.

Built-In Electronic Flash Batteries

The Vivitar 35 EF's Built-In Electronic Flash is powered by two, 1.5 volt "AA" alkaline batteries (Mallory MN1500, Eveready E91, AM3 or equivalent). To install batteries:

- (A) Open Battery Compartment Cover  by pushing in direction of arrow and lifting slightly.
- (B) Insert batteries with the correct POSITIVE (+) or NEGATIVE (-) polarity, following the printed diagrams on the inside of the battery compartment. (See photo "E")
- (C) Push down on Battery Compartment Cover to close securely.

5

Set the Film Speed

For properly exposed photographs, your Vivitar 35EF's Automatic Exposure System must be set for the correct DIN (International) or ASA (USA) rating for the film you are using. To set the film speed:

(A) Move the DIN/ASA Setting Lever ⑥ until the correct number appears in the DIN/ASA Window ⑨ (DIN ratings are marked in orange, ASA ratings are marked in silver).

(B) The chart below shows DIN and ASA equivalent ratings:

DIN	15	16	17	18	19	20	21	22	23	24	26	27	28
ASA	25	32	40	50	64	80	100	125	160	200	320	400	500

(C) Once you've set the film speed, your camera is programmed for automatic operation.

6

Load your Film

(A) Press Shutter Release Button, releasing film advance mechanism.

(B) Push the Back Open Latch ⑰ in direction of arrow and, swing the camera back to the right.

(C) Push down on Rewind Spindle ⑳ with fingertip to clear the Film Chamber ㉑.

(D) Insert the film cassette in the Film Chamber. Push in the Film Rewind Knob ㉒ and turn slightly to lock the cassette in place.

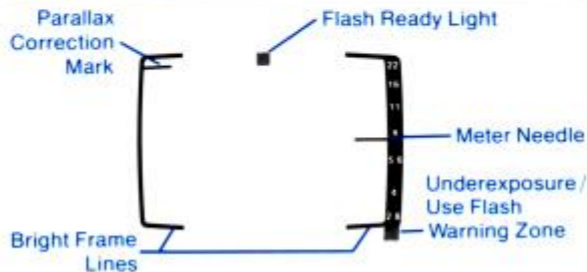
(E) Insert film leader into one of the slots in the Film Take-Up Spool ㉓. Advance film slightly to see that film is secured on Film Take-Up Spool and properly aligned with the Take-Up Sprockets ㉔. Turn Rewind Crank ㉕ slightly in direction of arrow to remove any slack in the film cassette. Recheck to see that film remains properly secured to the Take-Up Spool.

(F) Close the camera back until you hear a click indicating that the back is securely latched. Advance film by alternately winding the Film Advance Lever and pressing the Shutter Release Button until the number "1" appears in the Exposure Counter Window (10). As the Film Advance Lever is wound, the Film Rewind Knob should rotate, indicating that the film is advancing properly.

The Automatic Exposure System

Your Vivitar 35EF features an Automatic Exposure System which is programmed to select the correct aperture/shutter speed combination automatically, as long as lighting conditions are within the DIN/ASA range of the film you are using. The program extends from 1/60 second at f2.8 to 1/350 second at f22. As long as the needle is in the yellow, "allowable exposure" zone, all you need to do is set focus and shoot!

Viewfinder



Underexposure/Use Flash Warning Zone

If the meter needle moves into the Underexposure/Use Flash Warning Zone, your camera is "telling you" to use the Built-In Electronic Flash (see "Flash Photography" section).

Parallax Correction

At distances of 5 feet (1.5 meters) or less, compose your subject using the Parallax Correction Mark to prevent accidentally "cutting off" a portion of your subject.

7

You're Ready!

Once you've checked to be sure the meter needle is within the auto exposure system program, just recheck the camera focus, press the Shutter Release Button, and start capturing the world around you on film.

Flash Photography

Your Vivitar 35EF is equipped with a Built-In Electronic Flash, which is coupled to an automatic, "Flashmatic" system. For flash photography:

- (A) Advance film in camera to next frame.
- (B) Push in the white Flash Control Button (7) to "pop-up" the flash.
- (C) Turn flash system on by pushing the orange Flash Control Button (7).
- (D) Wait for the Flash Ready Light (8) to glow (visible both in the Viewfinder and on the top surface of the camera).
- (E) Compose your photograph, set the Zone Focus and shoot!
- (F) Advance film for your next exposure. The Ready Light will glow within 5 to 9 seconds, depending upon battery condition.
- (G) Flash Photography can be used at the distances indicated in the following chart:

Film Speed						
DIN	15	16	17	18	19	20
ASA	25	32		50	64	80
				100		125
						160
						200
						250
						320
						400
						500
Distance						
	1m-3m	1m-4m	1m-4.8m	1m-6.6m	1.5m-10.6m	
	3.3'-10'	3.3'-12.5'	3.3'-16'	3.3'-22'	5'-35'	

Self-Timer

The Self-Timer Lever (2) delays the tripping of the shutter mechanism for approximately 10 seconds, allowing you to include yourself in the photograph. The camera must be tripod-mounted or placed on a solid support when this feature is used.

- (A) Compose the photograph in the Viewfinder.
- (B) Advance the film.
- (C) Push the Self-Timer Lever all the way down.
- (D) Press Shutter Release Button.
- (E) Position yourself in photograph area within 10 seconds.

Removing the Film

When you've finished shooting the last frame of your roll of film (12, 20 and 36-exposure settings are coded red on the Exposure Counter), rewind the film and remove the cassette for processing as follows:

- (A) Push in Film Rewind Button (3).
- (B) Fold out Film Rewind Crank and turn in direction of arrow.
- (C) When Film Rewind Crank turns freely (without tension or "drag"), pull up on crank to release cassette. Open camera back. The Exposure Counter will automatically return to zero.
- (D) Remove the exposed film cassette and replace with fresh film.

Cable Release

Your camera is equipped with a Threaded Cable Release Socket (13), allowing you to attach an accessory cable release to the camera. A cable release is normally used for movement-free, maximum sharpness photography when the camera is firmly mounted on a tripod.

Caring for your Camera

CAUTION: The Built-In Electronic Flash carries a sizeable electrical charge. In the event the outer case is accidentally cracked, there is the possibility of an electrical shock. **DO NOT USE THE CAMERA OR ATTEMPT TO REPAIR IT YOURSELF.** Any repairs or adjustments should be made by an authorized Vivitar Service Center.

- 1—NEVER FORCE ANY CAMERA OPERATION.** Consult this Owner's Manual if any questions occur.
- 2—REMOVE ALL BATTERIES WHEN STORING CAMERA.** Batteries can leak as they age, causing damage to your camera. Always inspect batteries for leakage before installing in camera or flash compartment.
- 3—KEEP LENS CAP ON WHEN NOT TAKING PHOTOGRAPHS.** The cap protects the front lens element from dust and dirt particles.
- 4—CLEAN YOUR LENS PROPERLY.** Remove dust with an air blower. When necessary, use lens cleaner and tissue to *gently* clean lens and viewfinder.
- 5—CLEAN YOUR CAMERA'S INTERIOR.** Periodically remove any dust or film particles from the film chamber, rear lens element, take-up spool area or film pressure plate with an air blower. Inspect Film Guide Roller (20) and Film Pressure Plate (21) for accumulated deposits from film emulsion or backing—clean with lens cleaner and tissue if required.

- 6** —KEEP YOUR CAMERA AND FILM AWAY FROM DIRECT SUNLIGHT AND HEAT. Never store your camera or film on the rear window deck, glove compartment or other hot areas in your car.
- 7** —PRIOR TO STORING YOUR CAMERA. Release the shutter to remove all spring tension.
- 8** —PROTECT YOUR CAMERA FROM MOISTURE. DO NOT store your camera in a moisture-retaining enclosure or environment. In areas of high humidity, care should be taken to ensure that your camera is kept in a comparatively cool, dry location.
- 9** —KEEP YOUR CAMERA IN ITS PROTECTIVE CASE. Whenever camera is carried, stored or otherwise not in use, keep it in its protective case to protect against dust, shock or damage to its finish.

Specifications

Camera Type: 35mm full frame camera with fully programmed EE System and Built-In Electronic Flash

Film Format: 24mm x 36mm

Lens: Vivitar 38mm f2.8, 4 elements in 3 groups

Accessory Size: 46mm

Focusing Range: 1m (3.3 ft.) to infinity

Exposure Meter: Single CdS cell above front lens element

Shutter /f-stop Combinations: 1 /60 sec. at f2.8 to 1 /350 sec. at f22

EV Range: EV 9 (1 /60 sec. at f2.8) to EV 17 (1 /350 sec. at f22) with ASA 100 (DIN 21) film

Film Speed Range: ASA 25 (DIN 15) to ASA 500 (DIN 28)

Viewfinder Information: Flash Ready Light, Aperture Scale, Bright Frame Line, Underexposure /Use Flash Warning, Parallax Correction Mark

Focusing System: Zone Focus System plus Distance Scale

Flash System: Built-In Electronic Flashmatic System

Flash Range: 1 m (3.3 ft) to 4.8 m (16 ft) with ASA 100 (DIN 21) film

Number of Flashes: Approximately 250 (with fresh batteries)

Flash Battery: Two, 1.5 volt "AA" alkaline batteries (Mallory MN 1500, Eveready E91, AM3 or equivalent)

Camera Battery: Single, 1.35 volt mercury battery (Mallory PX 675, Eveready EPX 675, HS-C/H-C or equivalent)

Film Loading: Easy-load, multi-slotted take-up spool

Self-Timer: Approximately 10 second delay mechanism

Dimensions: 135 mm x 54.5 mm x 77 mm (5.4" x 2.2" x 3.1")

Weight: 380 g (13.4 oz.) without batteries



A



B



C



D



E

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